

AMENDMENTS TO THE CLAIMS

Please cancel claims 1-8.

Please add the following new claims:

9. (new) A rotating brush assembly for a weed mower that accepts removable and replaceable brushes comprising:
a cylindrical disc including a central mounting bore and at least two spokes, said disc further including at least one through bore between each adjacent spoke, wherein at least two opposing spokes include polygonal shaped recesses having rounded corners for receiving the removable and replaceable brushes, wherein each of the brushes are locked into place within said polygonal shaped recesses by a spring-loaded blocking pin which mates with a recess in the brush, said spring-loaded blocking pin being located within a radial bore in each spoke, further wherein said disc is made of a material with sufficient tensile strength and elastic modulus, and said material being well mechanically processable.
10. (new) The brush assembly of claim 9 wherein said disc is approximately 22-28 mm thick and approximately 129 mm in diameter.
11. (new) The brush assembly of claim 9 wherein said spring-loaded blocking pin includes a shaft including a first portion having a first diameter and a second portion having a second diameter, wherein said second diameter is smaller than said first diameter, said shaft further including a conical shoulder transition portion between said first portion and said second portion, further wherein said second diameter includes a central bore for receiving a spring, wherein said spring biases said conical shoulder against a locking pin located in said spoke to lock said blocking pin in place.

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12. (new) The brush assembly of claim 11 wherein said first diameter is approximately 13 mm and said first length is approximately 16 mm and said second diameter is approximately 9 mm and said second length is approximately 18 mm.

13. (new) The brush assembly of claim 12, wherein said polygonal shaped recesses having rounded corners are equilateral triangular shaped with two angles having an equal radius of curvature and the third angle having a different radius of curvature and said recess in said brush is a radius of approximately 6.5 mm to mate with the first diameter of approximately 13 mm.

14. (new) The brush assembly of claim 13 wherein the two angles of equal radius of curvature have a radius of curvature of approximately 8.65 mm and the third angle has a radius of curvature that is approximately 10.15 mm.

15. (new) The brush assembly of claim 9 wherein said disc is made of aluminum.

16. (new) The brush assembly of claim 9 wherein said disc is made of polypropylene.